

Converting Colors

YUV(45.7670, -6.2941, 58.9633)

Have a look what the booklet for
YUV(45.7670, -6.2941, 58.9633)
contains.

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Color

**YUV(45.7670, -6.2941,
58.9633)**

Conversions

Conversions Part 1

Format	Color
Hex	710E21
RGB	113, 14, 33
RGB Percent	44%, 5%, 13%
CMY	0.5569, 0.9451, 0.8706
CMYK	0.00, 0.88, 0.71, 0.56
HSL	348°, 78%, 25%
HSV	348°, 88%, 44%
XYZ	7.2416, 3.9346, 1.8166
YIQ	45.7670, 52.9050, 26.8970

Conversions

Conversions Part 2

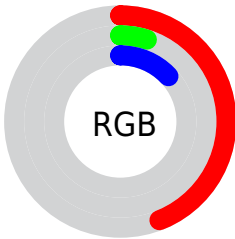
Format	Color
R_{YB}	113, 14, 33
Decimal	7409185
CIE Lab	23.45, 41.91, 16.92
CIE LCh	23, 45.193, 21.985
Yxy	3.9346, 0.5574, 0.3028
Android (android.graphics.Color)	4285599265 (0xFF710E21)
YUV	45.7670, -6.2941, 58.9633
Hunter-Lab	19.8358, 30.4536, 8.4551

Details

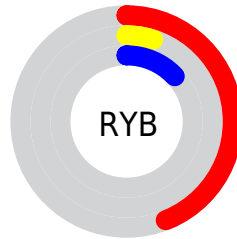
The YUV color **45.7670, -6.2941, 58.9633** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **81.2330, 6.2941, -58.9633**, and the grayscale version is **46.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.6980, -11.6831, 60.7779**, and **17.6410, -8.6970, 36.2718** is the 20% darker color. If you saturate the color by 10%, you get **38.2840, -7.0420, 65.5259**, and if you desaturate by 10%, it is **53.2500, -5.5462, 52.4008**.

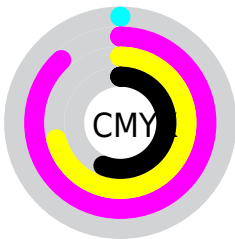
Distribution



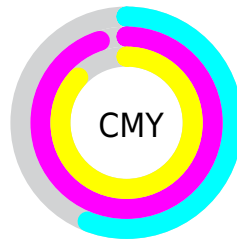
- Red (44%)
- Green (5%)
- Blue (13%)



- Red (44%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (88%)
- Yellow (71%)
- Black (56%)



- Cyan (56%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 45.7670, -6.2941, 58.9633 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 45.7670, -6.2941, 58.9633 by changing the saturation by 10% instead.

45.7670, -6.2941,
58.9633

45.7670, -6.2941,
58.9633

255.0000, 0.0000,
0.0000

26.6690, -7.7248,
51.1563

100.6980,
-11.6831, 60.7779

17.6410, -8.6970,
36.2718

127.6660,
-13.1463, 63.4369

8.1870, -3.5432,
16.4990

154.7480,
-14.1728, 65.9960

0.0000, 0.0000,
0.0000

181.0360,
-14.3147, 64.8664

199.8490,
-10.7716, 48.3674

219.4770, -6.6442,

31.1537

239.6920, -2.8062,
13.4251

45.7670, -6.2941,
58.9633

45.7670, -6.2941,
58.9633

38.2840, -7.0420,
65.5259

53.2500, -5.5462,
52.4008

36.2950, -7.0474,
67.2703

61.3200, -5.0878,
45.3234

68.8030, -4.3399,
38.7608

76.4000, -3.1552,
32.0982

83.8830, -2.4073,
25.5356

■ 91.9530, -1.9488,
18.4582

■ 99.4360, -1.2009,
11.8956

■ 106.9190, -0.4531,
5.3330

■ 114.9890, 0.0054,
-1.7444

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



46.2840, 9.7200, 55.8789



45.7670, -6.2941, 58.9633



50.7440, -25.0168, 44.0745

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.7670, -6.2941, 58.9633



40.2410, -15.8948, -35.2914



51.1170, 35.9313, -44.8296

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.7670, -6.2941, 58.9633



81.2330, 6.2941, -58.9633

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



52.9290, 27.6430, -46.4187



45.7670, -6.2941, 58.9633



46.2200, -0.6015, -40.5349

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.7670, -6.2941, 58.9633



49.8600, -24.5810, -2.5082



50.2100, 14.6865, -44.0342



51.2770, 33.3874, -22.1679

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.7670, -6.2941, 58.9633



53.3030, -26.2784, 28.6753



50.2100, 14.6865, -44.0342



51.9490, 34.0421, -45.5593

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.7670, -6.2941, 58.9633



121.5730, -2.2545, 23.1765



48.9070, 31.5978, 38.6696



58.3330, -1.6432, 13.7400



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.7670, -6.2941, 58.9633



47.4440, -9.5859, 88.1876



61.2110, -23.2750, 45.4190



52.0220, -0.0108, 3.4887



38.5020, -7.6425, 71.4737



79.2110, -15.8800, 147.1510

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.7670, -6.2941, 58.9633



47.4440, -9.5859, 88.1876



65.7890, 23.2750, -45.4190



52.0220, -0.0108, 3.4887



38.5020, -7.6425, 71.4737



79.2110, -15.8800, 147.1510

Previews

White Background



This preview shows how the YUV color 45.7670, -6.2941, 58.9633 looks on a white background.

Color Contrast Check

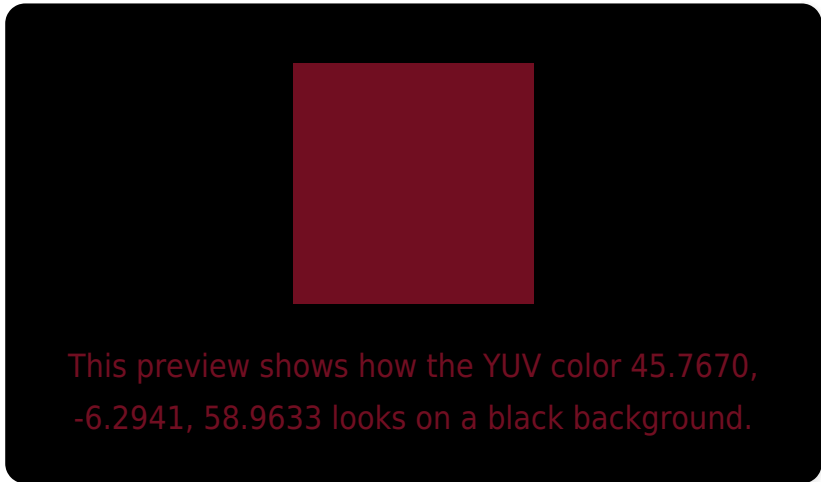
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 45.7670, -6.2941, 58.9633

Background



This preview shows how black text looks on a background with the YUV color 45.7670, -6.2941, 58.9633.



This preview shows how white text looks on a background with the YUV color 45.7670, -6.2941,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.7670, -6.2941, 58.9633

Protanopia

58.0560, -4.9576, 3.4589

Deuteranopia

57.5920, -14.5889, 12.6358



Tritanopia

46.2910, -14.4405, 58.5038

Trichromacy



Original Color

45.7670, -6.2941, 58.9633

Protanomaly

53.7750, -5.3121, 23.8763

Deuteranomaly

53.5000, -11.5855, 29.3795

Tritanomaly

46.3880, -11.5303, 58.4187

Monochromacy



Original Color

45.7670, -6.2941, 58.9633

Achromatopsia

46.0000, 0.0000, 0.0000

Achromatomaly

45.5620, -2.2491, 21.4321

CSS Examples

Text

The CSS property to change the color of the text to YUV 45.7670, -6.2941, 58.9633 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(113, 14, 33)` looks like.

```
.text, #text, p{  
    color:rgb(113, 14, 33)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(113, 14, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 14, 33) }
```

Border

The CSS property to change the border of an element to YUV 45.7670, -6.2941, 58.9633 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(113, 14, 33) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(113, 14, 33) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(113, 14, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 14, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 14, 33);  
box-shadow:4px 4px 4px 4px rgb(113, 14,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 45.7670, -6.2941, 58.9633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 14, 33) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(113, 14,  
33) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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